

Strengthened Blade Tape Measure

Abstract of the Disclosure

A strengthened blade tape measure includes a tape casing, a retraction unit, and a ruler blade, having an inner end attached to the retraction unit and an outer end stopped at a guiding opening of the tape casing, adapted to slidably fold between a storage position and a measuring position. In which, at the storage position, the ruler blade is retracted to receive in the tape casing in a coil flattened configuration manner via the retraction unit, and at the measuring portion, the outer end of the ruler blade is slidably pulled to extend the ruler blade in a concave-convex configuration out of the tape casing through the guider opening, wherein the ruler blade is capable of standing out from the tape casing with a measuring length at least 10 feet in a self-sustaining manner so as to prevent the ruler blade from buckling by its own weight.